


urged to contact Applicants' representative at the phone number given below.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


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9. The method of [any one of claims] claim 5 [to 8], wherein said plant is transgenic.

5 11. The method of [any one of claims] claim 2 [to 10], wherein said plant is selected from crop plants.

14. The genetically modified plant of claim 12 [or 13], wherein said genetic modification comprises inhibiting the expression of at least one gene selected from
10 the group consisting of *AtST2a*, *AtST2b* and functional homologues of *AtST2a* or of *AtST2b*.

17. The genetically modified plant of [any one of claims] claim 12 [to 16], wherein said plant is transgenic.

15 18. A cut flower from the genetically modified plant of [any one of claims] claim 12 [to 16].

27. The method of [any one of claims] claim 21 [to 26], wherein said plant is
20 transgenic.

31. The genetically modified plant of [claims] claim 29 [or 30], wherein said genetic modification comprises increasing the expression of at least one gene selected from the group consisting of *AtST2a*, *AtST2b* and functional homologues
25 of *AtST2a* or *AtST2b*.

33. The genetically modified plant of [any one of claims] claim 29 [or 30], wherein said plant is transgenic.

30 39. The isolated nucleic acid molecule of [any one of claims] claim 36 [to 38], wherein the hydroxyjasmonic acid sulfotransferase is of *Arabidopsis thaliana* origin.

40. A vector comprising the nucleic acid molecule of [any one of claims] claim 36 [to 39].

5 42. A transgenic plant comprising the nucleic acid molecule of [any one of claims] claim 36 [to 39].

47. The method of [any one of claims] claim 43 [to 46], wherein the hydroxyjasmonic acid sulfotransferase is a 11- or a 12- hydroxyjasmonic acid
10 sulfotransferase.

50. An antibody binding with affinity to a polypeptide as defined in claim 48 [or 49].